



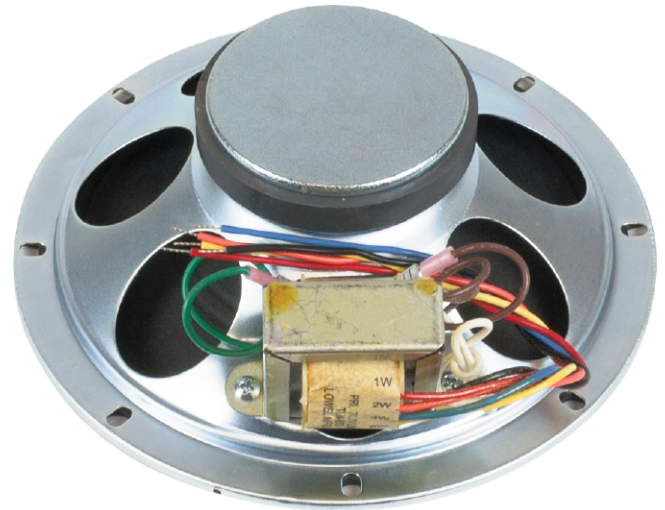
with domestic and global components.

## Model No. **810-T870** **8" Dual Cone Driver & 70V Transformer**

Dual cone driver with mounted 70V transformer provides solid performance for basic paging and background music.

### Features

- 8" dual cone driver with 10 oz. ceramic magnet, 3/4" hard fiber whizzer cone, 1" voice coil, and 20-ga. steel frame with zinc-plated finish
- Power rating 15W
- Mounted and wired 70V transformer (No. TLM-870) has primary taps at 1, 2, 4, and 8W
- Meets or exceeds all applicable EIA standards



### A&E Specifications

The dual cone 8-inch speaker shall be Lowell Model No. 810-T870 which shall be of the permanent magnet type having a seamless molded fiber cone with a hard fiber whizzer cone mechanically coupled to a voice coil for extended high frequency response. Power rating shall be 15 watts RMS. The voice coil shall have a 1-in. dia. and shall operate in a magnetic field derived from a strontium ferrite (ceramic) magnet having a nominal weight of 10 oz. Voice coil impedance shall be 8ohms. The driver shall have a round, structurally reinforced stamped 20-ga. steel frame with 8.062" overall diameter and eight obround holes equally spaced at 45 degrees on a 7.625" dia. mounting bolt circle. Overall depth shall not exceed 3.0" for the assembly. External metal parts shall be zinc-plated to resist rust and corrosion. The mounted transformer shall be 70V with selectable taps at 1, 2, 4, and 8W. The assembly shall be capable of producing a uniform audible frequency response over the range of 50Hz-11.6kHz ( $\pm 6$ dB), 50Hz-20kHz ( $\pm 6.4$ dB) with dispersion angle of 95 degrees conical @2000Hz-6dB. Average sensitivity shall measure 97.9dB (SPL at 1W/1M).

### Driver + Transformer Specifications

Driver + Xfmr. No's.	Driver Type	Driver Power Rating	Driver Magnet Wt.	Transformer Taps	Assembly Frequency Response	Assembly Dispersion @2000Hz Octave (-6dB)	Assembly Sensitivity	Assembly Mtg. Depth	Max SPL
810 + TLM-870	Dual cone 8ohm	15W	10 oz.	1, 2, 4, 8W @ 70V	50Hz-11.6kHz ( $\pm 6$ dB) 50Hz-20kHz ( $\pm 6.4$ dB)	95 degrees conical	97.9dB Avg SPL	3.0"	106.9 **

\* Minimum depth required for assembly to be rear-mounted to grille in an enclosure.  
 \*\* Calculated based on 8W maximum transformer power tap and measured sensitivity.  
 Additional information available on specification sheet for Driver No. 810.